



## TSWREIS Sainik School Entrance Exam Syllabus

### Maths

- Number System
- Arithmetic
- Geometry
- Ratio and Proportion
- Algebra
- Mensuration
- Data Handling
- Sets
- Relations and Functions
- Trigonometric Functions
- Principle of Mathematical Induction
- Complex Numbers and Quadratic Equations
- <https://schools.freshersnow.com/category/board-syllabus/>
- Linear Inequalities
- Permutations and Combinations
- Binomial Theorem
- Sequence and Series

### General Knowledge

- Currencies
- Bird
- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms
- Common Names



- Full forms
- Soil
- Rivers
- Mountains
- Ports
- Inland Harbours
- Number of Players
- Culture
- Religion
- Dance
- Heritage and Arts

## English

- Idioms and Phrases
- Sentence Improvement
- Synonyms
- Sentence Arrangement
- Substitution
- Prepositions
- Antonyms
- Fill in the blanks
- Passage Completion
- Spotting Errors
- Substitution
- Sentence
- Active and Passive Voice
- Completion
- Spelling Test
- Error Correction
- Transformation
- Para Completion
- Joining Sentences
- Error Correction

## Reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement



- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha-Numeric Sequence Puzzle
- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of Squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice

### General Science

- Natural Products and Drugs
- Nuclear Chemistry
- Chemical Kinetics and Thermodynamics
- Organic reaction mechanism and Stereochemistry
- Organometallic compounds, Bioinorganic chemistry, and Polymers
- Electrochemistry
- Analytical Chemistry and Instrumental methods
- Poisons and Pesticides
- Quantum Chemistry

### Social Studies

- Culture
- Time, continuity, and change
- People, places, and environment
- Individual development and identity
- Individuals, groups, and institutions
- Power, authority, and governance
- Production, distribution, and consumption
- Science, technology, and society.